

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [UNASSIGNED] NO UNIT LH0291095 - Unknown Component

Sample No: LH0291095

Oil Type: {unknown}



#### Sample Information

Sample Number	LH0291095	---	---	---
Sample Date	11 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
 Contact: Steve Lehto  
 steve.lehto@liebherr.com  
 T: (905)319-9222  
 F: (905)319-6617



#### Oil Condition

Visc @ 40°C	cSt	45.1	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Silicon	ppm	<1	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	0	---	---	---



#### Wear Metals

Iron	ppm	4	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	153	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	856	---	---	---
Phosphorus	ppm	653	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

#### Diagnosis

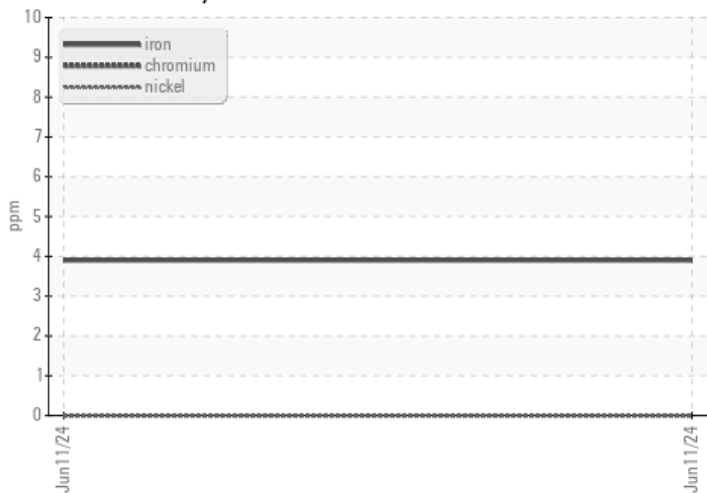
Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Please note that this sample was received without a component ID. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Please provide more complete information on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the sample. The condition of the sample is acceptable for the time in service (unconfirmed).

**Depot:** LIEMIS  
**Unique No:** 5798971  
**Signed:** Kevin Marson  
**Report Date:** 14 Jun 2024

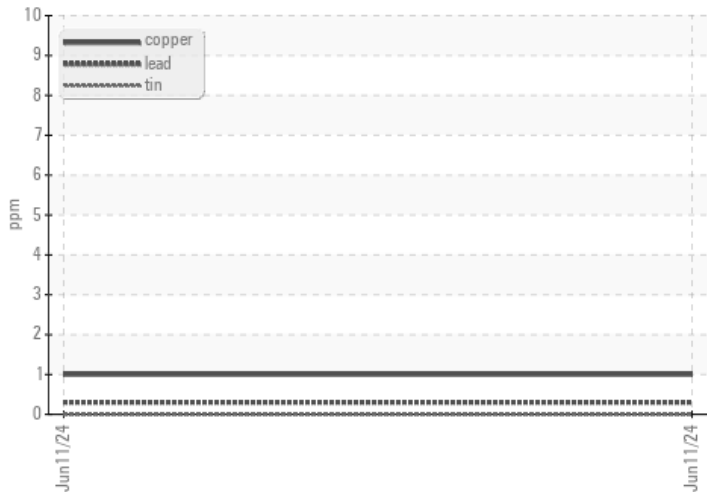


### Graphs

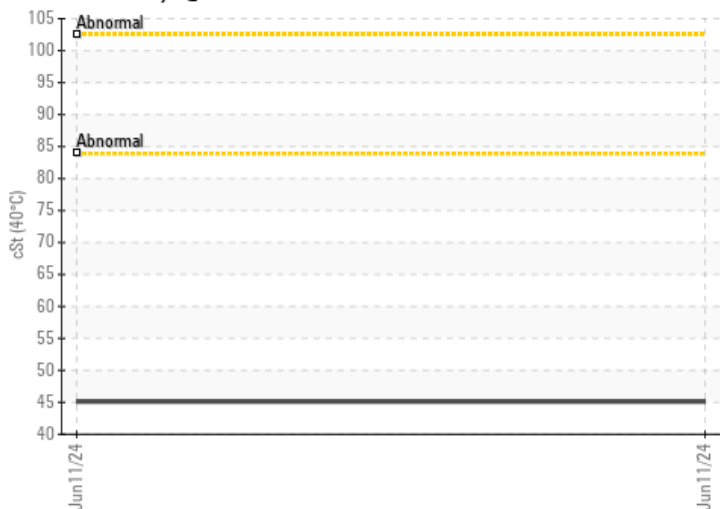
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

